



# Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov

Issued Monday 3:00 PM; October 3, 2016

For the Week Ending October 2, 2016

## STATE IN DESPERATE NEED OF RAIN

Dry conditions across the State have negatively impacted pastures, triggered more feeding of hay, caused concern about hay shortages going into fall, and slowed fall seeding. Corn harvest is moving at a rapid pace, and farmers are harvesting or getting ready to harvest double-crop soybeans and cotton in the coming week. There were 6.5 days suitable for field work. Topsoil moisture was 21 percent very short, 36 percent short, 42 percent adequate and 1 percent surplus. Subsoil moisture levels were 18 percent very short, 36 percent short, 45 percent adequate, and 1 percent surplus.

| CROP PROGRESS              |                |           |      |                | CONDITION |                |      |      |      |           |
|----------------------------|----------------|-----------|------|----------------|-----------|----------------|------|------|------|-----------|
| Crop                       | This Week      | Last Week | 2015 | Five Year Avg. | Item      | Very Poor      | Poor | Fair | Good | Excellent |
|                            | <b>Percent</b> |           |      |                |           | <b>Percent</b> |      |      |      |           |
| Corn - Mature              | 99             | 98        | 97   | 96             | Corn      | 2              | 8    | 27   | 46   | 17        |
| Corn - Harvested           | 89             | 79        | 73   | 73             | Soybeans  | 0              | 4    | 18   | 55   | 23        |
| Cotton – Bolls Opening     | 89             | 80        | 76   | 75             | Cotton    | 1              | 3    | 16   | 57   | 23        |
| Cotton - Harvested         | 15             | 7         | 4    | 10             | Pasture   | 11             | 21   | 38   | 27   | 3         |
| Soybeans – Dropping Leaves | 83             | 68        | 74   | 65             | Tobacco   | 5              | 17   | 43   | 28   | 7         |
| Soybeans - Harvested       | 29             | 14        | 21   | 16             | Cattle    | 1              | 6    | 27   | 57   | 9         |
| Tobacco – Cut              | 83             | 75        | 79   | 69             | Hay       | 6              | 16   | 35   | 36   | 7         |
| Winter Wheat - Planted     | 8              | 1         | 8    | 7              | y         |                |      |      |      |           |
| Winter Wheat - Emerged     | 1              | N/A       | 0    | 0              |           |                |      |      |      |           |

### County Agent Comments

Great progress with corn and soybean harvest this week. Cotton producers applying second application of defoliant and boll opener. Cotton harvest will get started in earnest within the next 10 to 14 days. Cotton looking really good.  
**Tim Campbell, Dyer County**

Corn harvest continues across the county. Some recent yields have been better than expected but below yields over the last couple of years. I anticipate some cotton will be picked by week's end as some defoliation has occurred. Soybeans are maturing on schedule. Some area hay producers were able to get a final cutting this last week. Some pastures look good while others are short on forage.  
**Kenny Herndon, Carroll County**

Most of the county is in need of some much needed rain.  
**Steve Rickman, Chester County**

The farmers in Fayette County had a good week of harvest. Corn, beans and cotton are being harvested. Some rain moved in early in the week but farmers were back in the field one to two days later. Cotton and bean yields seem to be good!!!  
**Jeff Via, Fayette County**

Corn harvest is all but over, with only isolated fields being finished next week. Soybean harvest is ramping up as producers move from corn harvest to soybeans. Yields are running above average. Field preparation has started for wheat seeding with both ground work for conventional and burn-down applications for no-till planting. Light, but scattered rain occurred early on Monday.  
**Jeff Lannom, Weakley County**

It's dry. Grain harvest is rolling right along. A lot of hay has been rolled so most producers feel like there is adequate hay supply. However, pastures are drying quickly and there is some anxiety about planting any winter annuals for grazing. Just not a lot of moisture in the ground right now.  
**Matt Webb, Marshall County**

Cooler temperatures and scattered rainfall has helped to improve cool-season pasture grasses.  
**David Cook, Davidson County**

*It's another dry week in Marion County. Crop harvest is progressing right along with corn almost finished, single-crop soybeans wrapping up as well, and double-crop soybeans dropping leaves. Hay and cattle producers are either looking for more hay or have just enough for themselves to make it through winter. There is little to no surplus in the county. You all have a great week.*

**Matthew Deist, Marion County**

*Dry conditions with limited rain.*

**Chris Ramsey, Sullivan County**

*Rainfall at week's beginning varied from slight to over an inch. Pastures are very short and hay feeding increases. Fall planting has slowed awaiting moisture.*

**John Wilson, Blount County**

*Very Dry.*

**James Blake Ramsey, Hawkins County**

*Pastures getting very dry. Hay being fed. Some producers reporting that dry conditions right now are much worse than the drought period we experienced June-July.*

**Kevin Rose, Giles County**

*Dry conditions persist with temperatures cooling to seasonable highs and lows. Corn harvest is done, and bean harvest in full swing. Dry weather is impacting fall seeding and pastures, hay supplies are short especially if producers have to start feeding earlier and we have colder conditions in the winter.*

**Ed Burns, Franklin County**

*Corn harvest almost over. Soybean starting up, first harvest in 30 bushels/acre range. Hay supply is short. No rain again this week. Pasture is gone. Ponds and creeks at very low levels.*

**John Goddard, Loudon County**

*Moderate temperatures have reduced heat stress on cattle. Needing rain to drive cool season forage growth in pastures. Row crop harvest continues. Some very good soybean and corn yields were reported this week.*

**A. Ruth Correll, Wilson County**

*This week has started and I am seeing folks finish up on their last hay cuttings for the year, while others are harvesting corn and soybeans. Tobacco is all cut, hung, and sold.*

**Keith Jacob Boone, Hancock County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: October 2, 2016 (with comparisons)**

| LOCATION        | TEMPERATURE                    |    |     |     | PRECIPITATION                 |              |                               |                                       |                             |                                     |
|-----------------|--------------------------------|----|-----|-----|-------------------------------|--------------|-------------------------------|---------------------------------------|-----------------------------|-------------------------------------|
|                 | Week Ending<br>October 2, 2016 |    |     |     | Current<br>Week<br>10/02/2016 | Rain<br>Days | Current<br>Since<br>January 1 | Departure<br>From Normal<br>January 1 | Current<br>Since<br>April 1 | Departure<br>From Normal<br>April 1 |
|                 | HI                             | LO | AVG | DFN |                               |              |                               |                                       |                             |                                     |
| West            |                                |    |     |     |                               |              |                               |                                       |                             |                                     |
| Ames_Plantation | 97                             | 46 | 67  | 0   | 0.00                          | 0            | 40.28                         | -1.89                                 | 21.93                       | -5.27                               |
| Bolivar_Wtr_Wks | 94                             | 47 | 67  | 1   | 0.04                          | 1            | 38.63                         | -2.68                                 | 21.71                       | -5.06                               |
| Brownsville     | 97                             | 49 | 67  | -1  | 0.00                          | 0            | 47.82                         | 8.10                                  | 25.70                       | 0.09                                |
| Covington_3SW   | 93                             | 51 | 68  | 1   | 0.00                          | 0            | 43.97                         | 4.50                                  | 25.99                       | 0.59                                |
| Dresden         | 92                             | 47 | 64  | -2  | 0.29                          | 2            | 38.08                         | -3.62                                 | 23.56                       | -4.31                               |
| Dyersburg_AP    | 94                             | 50 | 67  | -1  | 0.55                          | 1            | 36.85                         | -0.35                                 | 22.74                       | -1.63                               |
| Henderson_4W    | 92                             | 46 | 64  | -4  | 0.00                          | 0            | 49.22                         | 7.86                                  | 30.04                       | 2.72                                |
| Huntingdon_Wate | 92                             | 48 | 64  | 2   | 0.00                          | 0            | 41.35                         | 0.19                                  | 23.29                       | -3.53                               |
| Jackson_Exp_Stn | 94                             | 46 | 65  | -2  | 0.03                          | 1            | 44.95                         | 3.59                                  | 26.03                       | -1.29                               |
| Lexington_Ag    | 92                             | 48 | 66  | -2  | 0.00                          | 0            | 40.39                         | 1.66                                  | 26.23                       | 1.00                                |
| Memphis_WFO     | 99                             | 51 | 69  | 2   | 0.00                          | 0            | 49.80                         | 10.76                                 | 25.64                       | 0.26                                |
| Milan_Exp_Stn   | 94                             | 47 | 65  | 2   | 0.26                          | 1            | 38.55                         | -2.33                                 | 19.51                       | -7.43                               |
| Paris_2SE       | 89                             | 47 | 64  | -2  | 0.53                          | 1            | 45.14                         | 4.37                                  | 27.77                       | 1.10                                |
| Selmer          | 96                             | 46 | 66  | 0   | 0.00                          | 0            | 35.90                         | -7.13                                 | 21.24                       | -6.29                               |
| Union_City_AP   | 93                             | 45 | 65  | 1   | 0.38                          | 2            | 39.68                         | 1.30                                  | 25.47                       | -0.05                               |
| Middle          |                                |    |     |     |                               |              |                               |                                       |                             |                                     |
| Bethpage_1S     | 91                             | 45 | 62  | -4  | 0.31                          | 4            | 40.61                         | 0.21                                  | 29.70                       | 3.38                                |
| Carthage        | 94                             | 45 | 64  | -2  | 0.76                          | 3            | 36.53                         | -4.25                                 | 25.78                       | -0.72                               |
| Centerville_4NE | 87                             | 48 | 63  | -4  | 0.27                          | 2            | 39.69                         | -1.26                                 | 26.79                       | 0.32                                |
| Cheatham_L_D    | 95                             | 47 | 64  | 1   | 0.17                          | 2            | 38.98                         | -0.41                                 | 26.76                       | 1.21                                |
| Clarksville_AP  | 92                             | 44 | 64  | -2  | 0.66                          | 3            | 46.62                         | 7.51                                  | 33.25                       | 8.00                                |
| Coalmont        | 90                             | 40 | 62  | -2  | 0.02                          | 1            | 38.31                         | -9.83                                 | 22.89                       | -7.09                               |
| Columbia_3WNW   | 91                             | 45 | 63  | -2  | 0.02                          | 2            | 33.31                         | -9.32                                 | 22.59                       | -4.60                               |
| Cookeville      | 91                             | 47 | 64  | 2   | 0.02                          | 1            | 38.85                         | -5.25                                 | 25.23                       | -3.08                               |
| Crossville_AP   | 88                             | 44 | 63  | 2   | 0.01                          | 1            | 34.60                         | -9.19                                 | 21.73                       | -6.34                               |
| Dover_1W        | 90                             | 47 | 64  | 0   | 0.62                          | 2            | 49.95                         | 9.69                                  | 33.69                       | 7.76                                |
| Fayetteville_Wt | 88                             | 45 | 65  | 0   | 0.00                          | 0            | 48.95                         | 6.71                                  | 31.95                       | 6.17                                |
| Franklin        | 85                             | 41 | 59  | -6  | 0.22                          | 2            | 34.05                         | -6.97                                 | 22.64                       | -3.81                               |
| Hohenwald       | 93                             | 47 | 64  | -2  | 0.12                          | 2            | 39.88                         | -4.29                                 | 25.89                       | -2.34                               |
| Jamestown       | 87                             | 44 | 62  | 0   | 0.05                          | 1            | 39.83                         | -3.37                                 | 27.66                       | -0.94                               |
| Kingston_Spring | 92                             | 45 | 63  | 0   | 0.15                          | 2            | 40.58                         | 1.19                                  | 28.21                       | 2.75                                |
| Lobelville      | 93                             | 47 | 64  | -2  | 0.15                          | 1            | 44.33                         | 1.16                                  | 28.48                       | 0.74                                |
| Monteagle       | 89                             | 45 | 64  | 1   | 0.01                          | 1            | 38.70                         | -9.44                                 | 22.84                       | -7.14                               |
| Murfreesboro_5N | 93                             | 45 | 64  | 0   | 0.12                          | 1            | 36.70                         | -5.18                                 | 24.65                       | -2.68                               |
| Nashville_Metro | 94                             | 49 | 66  | 0   | 0.23                          | 3            | 33.82                         | -2.73                                 | 22.98                       | -0.90                               |
| Shelbyville_Wtr | 83                             | 47 | 64  | -2  | 0.04                          | 1            | 37.97                         | -4.98                                 | 23.48                       | -3.74                               |
| Sparta_WWTP     | 92                             | 45 | 65  | -1  | 0.00                          | 0            | 39.13                         | -3.67                                 | 26.84                       | -0.26                               |
| Springfield_Exp | 91                             | 45 | 64  | -2  | 0.44                          | 4            | 41.50                         | 2.70                                  | 29.69                       | 4.16                                |
| Tennessee_Ridge | 92                             | 47 | 64  | 0   | 0.32                          | 3            | 45.94                         | 3.10                                  | 30.45                       | 2.64                                |
| Wartrace_6E     | 87                             | 47 | 63  | -3  | 0.10                          | 1            | 39.54                         | -5.56                                 | 26.49                       | -1.32                               |
| Waynesboro_Ag   | 94                             | 48 | 66  | 2   | 0.10                          | 1            | 41.95                         | -3.76                                 | 27.38                       | -1.89                               |
| East            |                                |    |     |     |                               |              |                               |                                       |                             |                                     |
| Athens          | 95                             | 46 | 67  | 3   | 0.74                          | 1            | 34.37                         | -10.48                                | 20.87                       | -6.47                               |
| Chattanooga_Lov | 97                             | 51 | 71  | 5   | 0.43                          | 1            | 25.50                         | -16.42                                | 12.21                       | -13.10                              |
| Gatlinburg_2SW  | 88                             | 44 | 64  | 3   | 0.90                          | 1            | 30.75                         | -15.33                                | 20.90                       | -10.33                              |
| Greeneville_Exp | 92                             | 47 | 66  | 6   | 0.45                          | 2            | 29.81                         | -5.96                                 | 21.02                       | -3.30                               |
| Kingston_Ag     | 93                             | 48 | 66  | 3   | 0.00                          | 0            | 32.55                         | -13.63                                | 18.75                       | -10.49                              |
| Knoxville_AP    | 94                             | 49 | 69  | 4   | 0.51                          | 2            | 32.01                         | -5.36                                 | 19.67                       | -3.80                               |
| Lenior_City     | 95                             | 47 | 67  | 2   | 0.20                          | 1            | 32.60                         | -8.10                                 | 19.31                       | -5.73                               |
| Morristown_Radi | 92                             | 46 | 66  | 3   | 0.08                          | 1            | 26.73                         | -9.80                                 | 16.86                       | -6.75                               |
| Oak_Ridge       | 94                             | 48 | 68  | 4   | 0.08                          | 1            | 34.99                         | -7.07                                 | 20.62                       | -5.93                               |
| Roan_Mtn_2SE    | 83                             | 40 | 61  | 6   | 1.33                          | 3            | 27.51                         | -12.00                                | 18.05                       | -8.40                               |
| Rogersville_1NE | 90                             | 48 | 66  | 3   | 0.20                          | 2            | 31.63                         | -3.13                                 | 20.50                       | -2.35                               |
| Townsend_5S     | 87                             | 42 | 63  | 2   | 1.42                          | 3            | 37.50                         | -8.58                                 | 24.00                       | -7.23                               |
| Tri-City_RGNL_A | 90                             | 49 | 67  | 6   | 0.60                          | 1            | 26.45                         | -6.36                                 | 18.21                       | -3.66                               |

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.